

Focus Area 24: Respiratory Diseases

Objective 24-1d targets an overall reduction in the asthma death rate for persons aged 35-64 years to 9.0 per 1,000,000 population.

California's asthma death rates were 17.7 per 1,000,000 population aged 35-64 in 2000, 15.1 in 2001, 13.5 in 2002, and 14.8 in 2003 based on data extracted from the Death Statistical Master Files (Figure 24-1d, Table 24-1d). These rates are significantly higher than the HP2010 target of 9.0, and the objective for the total population of Californians aged 35-64 is not being achieved.

Data by race and ethnicity show that the highest reliable asthma death rates for persons aged 35-64 were found for African Americans/Blacks (57.2 per 1,000,000 in 2000, 37.6 in 2001, 42.1 in 2002, and 46.1 in 2003). The next highest asthma death rates were found for Whites (16.5 per 1,000,000 in 2000, 15.7 in 2001, 14.8 in 2002, and 15.1 in 2003) and for Asians (17.7 per 1,000,000 in 2000, 14.4 in 2001, and 13.7 in 2003). The HP2010 objective is not being achieved for these racial groups, but is being achieved for the Hispanic/Latino population (9.3 per 1,000,000 in 2000, 7.4 in 2001, 6.4 in 2002, and 6.9 in 2003). Death rates for the American Indian/Alaska Native, Pacific Islander, and the "Multirace" populations were unreliable due to the small number of events, and are not reported here except in instances where no deaths were reported.

Asthma death rates for females aged 35-64 (18.5 per 1,000,000 in 2000, 18.6 in 2001, 17.1 in 2002, and 17.0 in 2003) were significantly higher than death rates for males (16.8 per 1,000,000 in 2000, 11.6 in 2001, 9.9 in 2002, and 12.5 in 2003), and were nearly double the HP2010 target of 9.0 per 1,000,000 population. The HP2010 objective is not being achieved for either females or males as of 2003.

For more information on asthma in California, visit the California Asthma Public Health Initiative Web site at:

<http://www.dhs.ca.gov/ps/cdic/cdcb/Medicine/Asthma/index.htm>

For more information on Healthy People 2010 objective 24-1d, please visit:

http://www.healthypeople.gov/Document/HTML/Volume2/24Respiratory.htm#_Toc489704825

and

<http://www.healthypeople.gov/Document/html/tracking/od24.htm#asthma>

**Figure 24-1d
Asthma Death Rates
Among Persons Aged 35-64
California, 2000-2003**

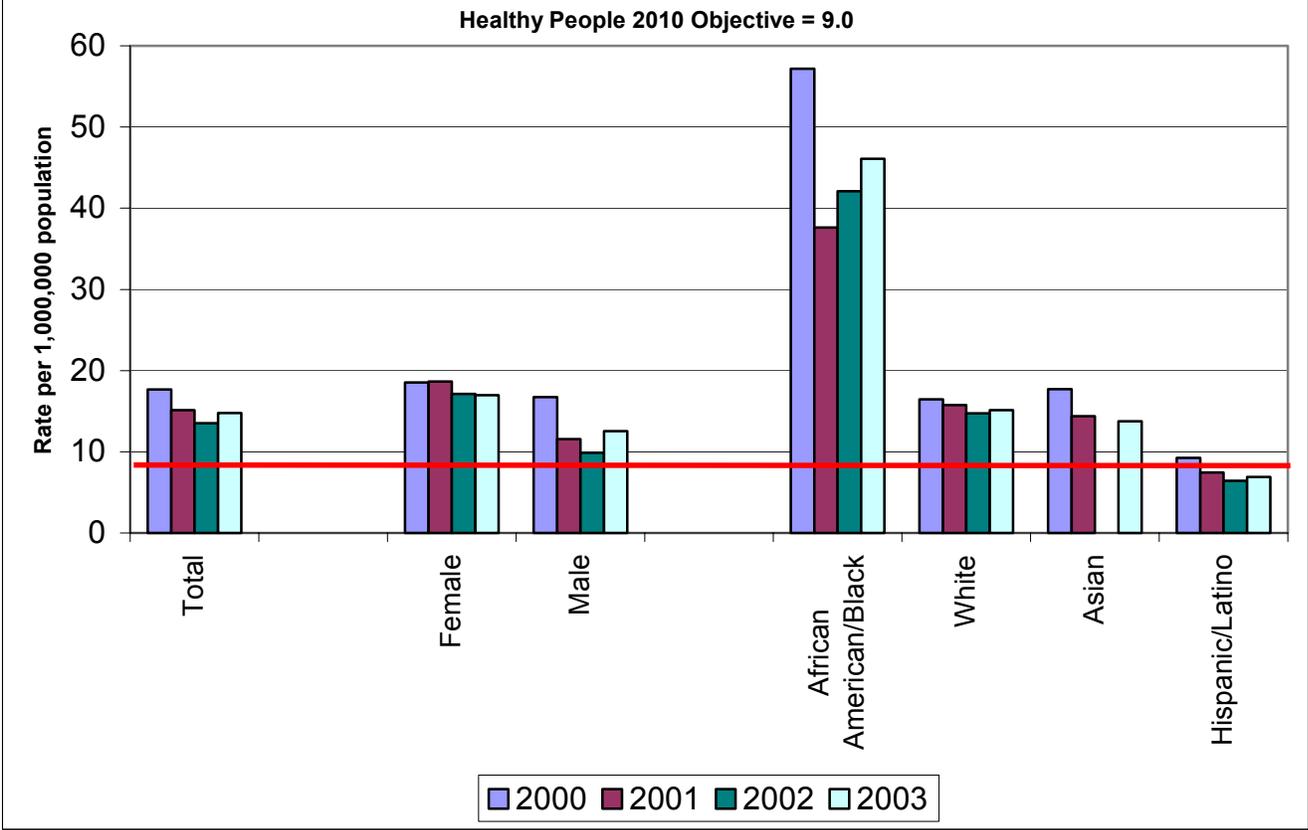


Table 24-1d
Asthma Deaths and Death Rates
California, 2000-2003

Asthma Deaths, Ages 35-64*	2000				2001			
	N	Rate ¹	Lower C.I.	Upper C.I.	N	Rate ¹	Lower C.I.	Upper C.I.
Healthy People 2010 Objective 24-1d		9.0				9.0		
CALIFORNIA TOTAL	221	17.7	17.1	18.2	195	15.1	14.6	15.7
Race-Ethnicity								
African American/Black	47	57.2	55.0	59.3	32	37.6	35.5	39.8
American Indian/Alaska Native	0	0.0	0.0	0.0	2	DSU	-----	-----
Asian	26	17.7	16.1	19.3	22	14.4	12.8	16.0
Pacific Islander	3	DSU	-----	-----	4	DSU	-----	-----
Hispanic/Latino	28	9.3	8.1	10.4	24	7.4	6.3	8.5
White	114	16.5	15.7	17.2	110	15.7	15.0	16.5
Multirace	2	DSU	-----	-----	1	DSU	-----	-----
Gender								
Female	117	18.5	17.8	19.3	121	18.6	17.9	19.4
Male	104	16.8	16.0	17.5	74	11.6	10.8	12.3

Asthma Deaths, Ages 35-64*	2002				2003			
	N	Rate ¹	Lower C.I.	Upper C.I.	N	Rate ¹	Lower C.I.	Upper C.I.
Healthy People 2010 Objective 24-1d		9.0				9.0		
CALIFORNIA TOTAL	179	13.5	13.0	14.0	201	14.8	12.7	16.8
Race-Ethnicity								
African American/Black	37	42.1	40.0	44.0	42	46.1	32.1	60.0
American Indian/Alaska Native	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Asian	13	DSU	-----	-----	22	13.7	8.0	19.5
Pacific Islander	3	DSU	-----	-----	2	DSU	-----	-----
Hispanic/Latino	22	6.4	5.4	7.5	25	6.9	4.2	9.6
White	104	14.8	14.0	15.5	108	15.1	12.3	18.0
Multirace	0	0.0	0.0	0.0	0	0.0	0.0	0.0
Gender								
Female	114	17.1	16.3	17.9	116	17.0	13.9	20.0
Male	65	9.9	9.1	10.6	85	12.5	9.9	15.2

SOURCES: California Department of Health Services, Death Statistical Master Files, 2000-2003;
CA Department of Finance, Demographic Research Unit, Population Projections by Race/
Ethnicity for California and Its Counties 2000-2050, May 2004.

NOTES: * Asthma deaths defined by ICD-10 codes J45-J46.

¹ Rate per 1,000,000 population aged 35-64 years.

DSU Data Statistically Unreliable due to small number of events.